

**PATENT**

**CERTIFICATE OF MAILING**

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 January 21, 2004  
Jane A. Walker Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Rajagopalan et al.  
Serial No.: Unknown  
Filed: January 21, 2004  
Art Unit: Unknown  
Examiner: Unknown  
Conf. No.: Unknown  
Title: **INTERNAL IMAGE ANTIBODIES FOR OPTICAL  
IMAGING AND THERAPY**  
Att'y Dock: MRD-69DV

Cincinnati, Ohio 45202

January 21, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with the duty of candor and good faith imposed by Rule 56 (37 CFR §1.56), the art listed on the attached form PTO-1449 is called to the attention of the U.S. Patent and Trademark Office in connection with the above-identified patent application. As all of these references have been cited in the parent application and are already in the file of record, no references are being provided at this time. No

representation is made that the cited art is the only art or that the cited art represents the best art.

The Examiner is urged to consider the cited references and to make an independent decision with respect to their materiality.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.

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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MRD/69DV		SERIAL NO. Unknown							
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)				APPLICANT Rajagopalan et al.									
				FILING DATE January 21, 2004		GROUP Unknown							
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER						ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A.A	4	6	5	9	8	3	9	04/1987	Nicolotti et al.	548	546	10/1984
	A.B	4	7	3	2	9	7	4	03/1988	Nicolotti et al.	530	390	03/1986
	A.C	4	8	3	7	0	0	3	06/1989	Nicolotti	424	1.1	09/1984
	A.D	4	9	6	5	3	9	2	10/1990	Fritzberg et al.	558	254	03/1988
	A.E	5	5	1	8	8	8	8	05/1996	Waldman	435	7.23	10/1993
	A.F												
	A.G												
	A.H												
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS													
		DOCUMENT NUMBER		PUBLICATION DATE		COUNTRY OR PATENT OFFICE			CLASS	SUBCLASS	TRANSLATION (YES/NO)		
	A.L	EP 0386275 A2		09/1990		European Patent Application			C12P	21/O0	Yes		
	A.M	WO 93/O0934		01/1993		PCT WIPO, International Bureau			A61K	49/O2	Yes		
	A.N	EP 0284071 B1		06/1994		European Patent Application			C07K	15/O0	Yes		
	A.O												
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	A.Q												
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
	A.R	Kohler and Milstein, <u>Continuous cultures of fused cells secreting antibody of predefined specificity</u> , Nature 256, 1975, pp. 495-497											
	A.S	Licha et al., <u>Synthesis and characterization of cyanine dyes as contrast agents for near-infrared imaging</u> , The Society of Photo-Optical Instrumentation Engineers, Vol. 2927, 1996, pp. 192-198											
	A.T	Li et al., <u>Tumor Localization Using Fluorescence of Indocyanine Green (ICG) In Rat Models</u> , The Society of Photo-Optical Instrumentation Engineers, Vol. 2389, 1995, pp. 789-797											
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	B.R	Riefke et al., <u>In vivo characterization of cyanine dyes as contrast agents for near-infrared imaging</u> , The Society of Photo-Optical Instrumentation Engineers, Vol. 2927, 1996, pp. 199-208					
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C.R	Achilefu et al., <u>Novel Receptor-Targeted Fluorescent Contrast Agents for In Vivo Tumor Imaging</u> , Investigative Radiology, Vol. 35, No. 8, 2000, pp. 479-485
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C.T	Cayanis et al., <u>Generation of an Auto-anti-Idiotypic Antibody That Binds to Glucocorticoid Receptor</u> , The Journal of Biological Chemistry, Vol. 261, No. 11, 1986, pp. 5094-5103

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	D.R	Erlanger et al., <u>The Auto-Anti-Idiotypic Route To Anti-Receptor Antibodies</u> , in <u>Idiotypes</u> , Academic Press, 1986, pp. 157-178
	D.S	Jori, <u>Novel Therapeutic Modalities Based on Photosensitized Processes</u> , EPA Newsletter, No. 60, July 1997, pp. 12-18
	D.T	Jerme, <u>Idiotypic Networks and Other Preconceived Ideas</u> , Immunological Reviews, Vol. 79, 1984, pp. 5-24

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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
	E.R	Parham et al., <u>Monoclonal Antibodies: Purification, Fragmentation and Application to Structural and Functional Studies of Class I MHC Antigens</u> , Journal of Immunological Methods, Vol. 53, 1982, pp. 133-173					
	E.S	Martin and Cook, <u>Table V-Buffer Mixtures</u> , in Remington's Practice of Pharmacy, 1956, p. 170					
	E.T	Pandurangi et al., <u>Chemistry of Bifunctional Photoprobes. 3. Correlation between the Efficiency of CH Insertion by Photolabile Chelating Agents and Lifetimes of Singlet Nitrenes by Flash Photolysis: First Example of Photochemical Attachment of <sup>99m</sup>Tc-Complex with Human Se</u> , Journal of Organic Chemistry, Vol. 63, 1998, pp. 9019-9030					
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	F.S	Erlanger, Auto-Anti-Idiotypy, Autoimmunity and Some Thoughts on the Structure of Internal Images, International Review of Immunology, Vol. 5, 1989, pp. 131-137					
	F.T	Leu et al., Idiotypic mimicry and the assembly of a supramolecular structure: An anti-idiotypic antibody that mimics taxol in its tubulin-microtubule interactions, Proceedings of the National Academy of Science, Vol. 91, 1994, pp. 10690-10694					
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	G.R	Hebden and Delpy, <u>Diagnostic imaging with light</u> , The British Journal of Radiology, Vol. 70, 1997, S206-S214					
	G.S	Freiherr, <u>The Light Stuff: Optical Imaging in Medical Diagnosis</u> , R&D Horizons, Medical Device & Diagnostic Industry, 1998, pp. 1-7					
	G.T	Stables and Ash, <u>Photodynamic therapy</u> , Cancer Treatment Reviews, Vol. 21, 1995, pp. 311-323					
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	H.R	Korbelik, <u>Photosensitizers in photodynamic therapy</u> , Periodicum Biologorum, Vol. 93, No. 4, 1991, pp. 563-574					
	H.S	Desvergne and Czarnik, <u>Chemosensors of Ion and Molecule Recognition</u> , Series C: Mathematical and Physical Sciences, Vol. 492, 1997					
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